

Converting Colors

Hex(AA91DF)

Have a look what the booklet for
Hex(AA91DF) contains.

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Color

Hex(AA91DF)

Conversions

Conversions Part 1

Format	Color
Hex	AA91DF
RGB	170, 145, 223
RGB Percent	67%, 57%, 87%
CMY	0.3333, 0.4314, 0.1255
CMYK	0.24, 0.35, 0.00, 0.13
HSL	259°, 55%, 72%
HSV	259°, 35%, 87%
XYZ	40.0222, 34.1246, 74.2893
YIQ	161.3670, -10.1380, 29.5580

Conversions

Conversions Part 2

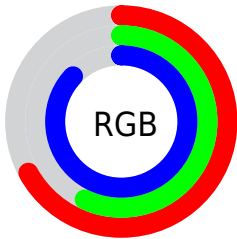
Format	Color
R _Y B	170, 145, 223
Decimal	11178463
CIE Lab	65.06, 25.36, -36.31
CIE LCh	65, 44.290, 304.934
Yxy	34.1246, 0.2696, 0.2299
Android (android.graphics.Color)	4289368543 (0xFFAA91DF)
YUV	161.3670, 30.3851, 7.5711
Hunter-Lab	58.4162, 20.0659, -34.5092

Details

The Hex color **AA91DF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **C6DF91**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **E2C7FF**, and **745EA7** is the 20% darker color. If you saturate the color by 10%, you get **9B7BDF**, and if you desaturate by 10%, it is **B9A7DF**.

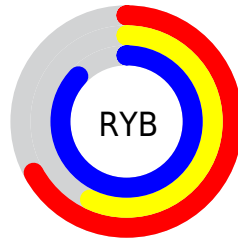
Distribution



Red (67%)

Green (57%)

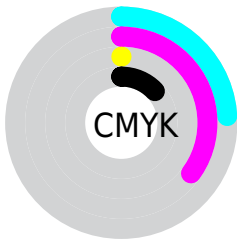
Blue (87%)



Red (67%)

Yellow (57%)

Blue (87%)

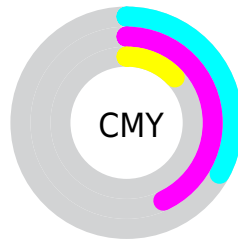


Cyan (24%)

Magenta (35%)

Yellow (0%)

Black (13%)



Cyan (33%)

Magenta (43%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA91DF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color AA91DF by changing the saturation by 10% instead.

■ AA91DF

■ AA91DF

FFFFFF

■ 8F77C3

■ E2C7FF

■ 745EA7

■ FFE3FF

■ 5A468D

■ 413073

■ 271A5A

■ 0D0442

■ 00002B

■ 000116

■ 000000

■ AA91DF

■ AA91DF

■ 9B7BDF

■ B9A7DF

■ 8C64DF

■ C8BEDF

■ 7D4EDF

■ D7D4DF

■ 6D38DF

■ E7EADF

■ 5E22DF

■ F6FFDF

■ 4F0BDF

■ FFFFDF

■ 4700DF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68A0ED



AA91DF



D483C0

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



AA91DF



D19056



00B2A3

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



AA91DF



C6DF91

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52B07B



AA91DF



B09E4D

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



AA91DF



E68373



86A95B



00B1CA

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



AA91DF



E47EA6



86A95B



13B296

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



AA91DF



EEE6FF



91C6DF



757080



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



AA91DF



B694FF



D191DF



696570



3800B0



100030

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



DF91C6



FF94DD



9FDF91



70656D



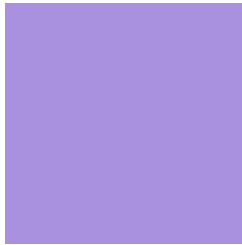
B00078



300021

Previews

White Background



This preview shows how the Hex color AA91DF looks on a white background.

Color Contrast Check

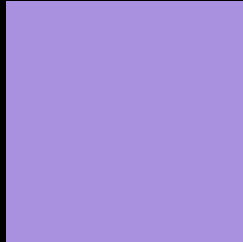
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color AA91DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

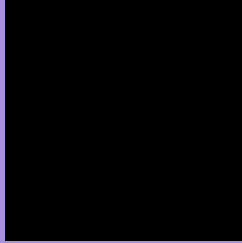
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex AA91DF Background



This preview shows how black text looks on a background with the Hex color AA91DF.

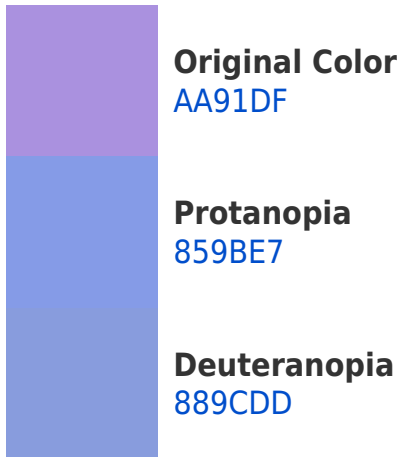


This preview shows how white text looks on a background with the Hex color AA91DF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

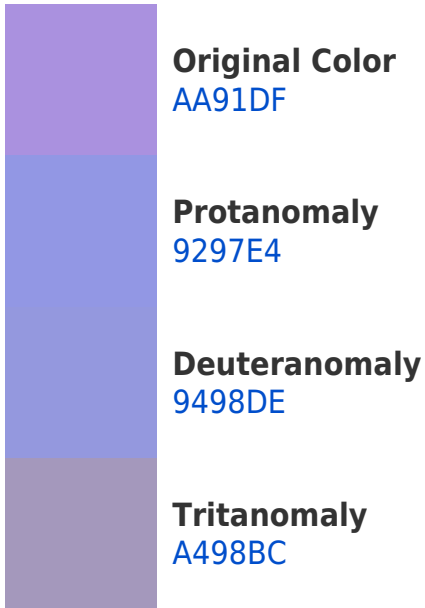
Dichromacy



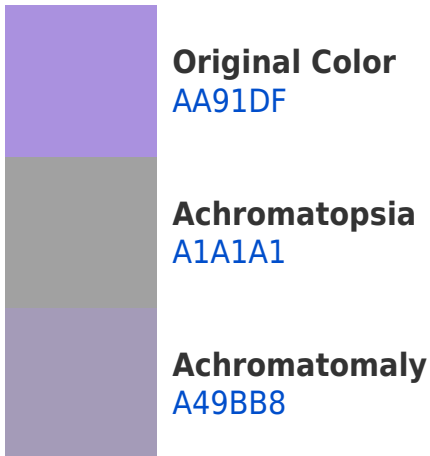


Tritanopia
A09CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA91DF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #AA91DF looks like.

```
.text, #text, p{  
    color:#AA91DF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #AA91DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA91DF
}
```

Border

The CSS property to change the border of an element to Hex AA91DF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA91DF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#AA91DF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #AA91DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA91DF; -webkit-box-shadow:4px 4px  
4px 4px #AA91DF; box-shadow:4px 4px 4px  
4px #AA91DF }
```

Background

The CSS property to change the background color of an element to Hex AA91DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA91DF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#AA91DF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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